



Always Use TOR!
Resources:
<https://www.torproject.org/>
no smartphones.

If they have not already, the forces of capital are quickly reckoning with the truth that the realm of science and technology is not the infinity depicted well beyond graduate degree, simultaneously pushing so-called STEM (Science Tech-nology Engineering & Math) fields, where much like other for degrees, there is nowhere viable for these graduates to use their knowledge and skills. This pushes more people to extend their studies in graduate programs, flooding the job market further with competition technologists. Much like with any other profes-sion, this increases competition in order to lower salaries and increase prof-ter of ontological certainty, and as such, the driver of the “progress” of human civilization. Science is used to make coherent, interpretable, discrete, and pre-dictable the infinity chaotic universe we inhabit. Within this simplification, capital seeks to maximize the ability of humans to exploit resources of the natural universe. Capitalism is concerned with profit and efficiency, science on the other hand is nothing but a costly, time consuming, and often fruitless process.

However, capitalists dump money into research in the hopes of extending the capabilities of human resource extraction. Natural resource extraction in the

An early January 2023 paper published in *Nature* found that the percentage of published peer-reviewed scientific articles labeled “disruptive” is dramatically increasing. “The average CD index, a measure of disruptiveness ranging from -1 (least) to 1 (most), declined by more than 90% between 1945 and 2010 for research manuscripts, declined by more than 78% from 1980 to 2010 for patents.” (Disruptive, uscripts and by more than 61% from 2000 to 2020 for academic papers.) Data from millions of manuscripts show that, compared with the mid-twentieth century, research done in the 2000s was much more likely to incrementally push science forward than to veer off in a new direction and render previous

Suggested Reading:

The Technological Society - Jaques Ellul

Against Method - Paul Feyerabend

Against The Gendered Nightmare - Baedan

Braiding Sweetgrass - Robin Wall Kimmerer

The Structure of Scientific Revolutions - Thomas Kuhn

forms of oil, lumber, coal, metals, gems, etc is continually shown to have devastating effects on the natural world, creating increasingly uninhabitable conditions for humans on earth. Resource extraction is shifting into the microscale and smaller as the above resources become less tenable to extract. The new resources inhabit the realm of biotechnology and computational technology, as well as their marriages.

Long past the dawn of transgenics, the molecular scissors that is the CRISPR-CAS9 system allows for easy genetic alterations, to the point where the first transgenic children (twins) have been birthed. Embryos were modified in vitro by He Jiankui's lab at SUStech in Shenzhen, China to eliminate a gene called CCR5, promoting resistance to HIV, smallpox, and cholera. The embryo's were transplanted into a human uterus to be brought to term. Proteins can be designed to modulate bodily function using open source software, their movements simulated, synthesized in yeast or bacteria media . Alphafold, the AI algorithm from Google has "solved" 200 million protein structures, expanding the known structural proteome by a factor of 10k. The so-called protein folding "problem" is a common test for AI algorithms predictive power. Meta (formerly Facebook), built a competing model predicting 600 million structures. Cataloging at the individual microscale is also increasingly common, as people send their DNA to the likes of ancestry.com to be sequenced and build a genetic lineage for them, who knows who has access to this genetic information.

This is not presented to alarmingly stoke fears of biotechnology from the perspective of some form of "pure" life and living, plainly, the resources of our very bodies are a new frontier for capital extraction. This expansion into the cybernetic realm is the continuance of civilizations colonial desires into the (sub)molecular level. After our labor, our ever diminishing time and energy, is continually extracted from us for the privilege of barely scraping together an existence, the forces of capital seek to extrude things even more fundamental from our wretched bodies.

David Graeber addressed scientific stagnation a decade ago in his piece "Of Flying Cars and the Declining Rate of Profit" for The Baffler. Graeber juxtaposes the techno semi-utopia of the Jetsons, the impressive technology of Star Trek, and other science fiction fed to children of the 60's. He locates this pop-

